

**AMENDMENTS TO THE CLAIMS**

The following listing of claims replaces all prior listings of claims in this application.

1. (Original) A method for obtaining software performance data, said method comprising:  
entering a software application;  
setting a trace data flag to off;  
while said software application has not exited, iteratively performing the following steps for each module initiated by said software application:  
setting said trace data flag to on if said module is registered with a performance analyzer tool;  
determining if said module includes trace data hooks;  
if said module includes said trace data hooks and said trace data flag is on:  
transmitting a request to said performance analyzer tool to record trace data in response to encountering an embedded trace data hook in said module; and  
if said module does not include said trace data hooks and said trace data flag is on:  
transmitting a request to said performance analyzer tool to record trace data in response to entry and exit of said module; and  
receiving from said performance analyzer tool a report based on said trace data.
2. (Original) The method of claim 1 wherein said software application is written in the C programming language.
3. (Original) The method of claim 1 wherein said software application is written in the C++ programming language.
4. (Original) The method of claim 1 wherein said software application is written in the assembler programming language.
5. (Original) The method of claim 1 wherein said trace data in response to entry of said module includes module name and time of module entry.
6. (Original) The method of claim 1 wherein said trace data in response to exit of said module includes module name and time of module exit.

7. (Original) The method of claim 1 wherein said trace data hooks include:  
program entry; and  
program exit.
8. (Original) The method of claim 1 wherein said trace data hooks include:  
function entry; and  
function exit.
9. (Original) The method of claim 1 wherein said method for obtaining software performance data further comprises:  
transmitting a request to said performance analyzer tool for said report based on said trace data.
10. (Original) The method of claim 1 wherein said report based on said trace data is in graphical format.
11. (Original) The method of claim 1 wherein determining if said module includes trace data hooks is performed by an operating system service.
12. (Original) The method of claim 1 wherein an operating system service determines if said module is registered with said performance analyzer tool.
13. (Original) The method of claim 1 wherein said transmitting a request to said performance analyzer tool to record trace data in response to entry and exit of said module is initiated by an operating system service.
- 14.-39. (Canceled)